

ERRATUM TO "MINIMUM-ENERGY BANDLIMITED TIME-VARIANT CHANNEL PREDICTION WITH DYNAMIC SUBSPACE SELECTION"

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1. SIMULATION RESULTS

Correcting an error in the simulation code we obtain the simulation results shown in Fig.1-3. We choose $p_1 = Q(1)$ and $p_2 = Q(8)$ where $Q(\alpha) = \int_{-\alpha}^{\alpha} (1/\sqrt{2\pi})e^{-x^2/2}dx$.

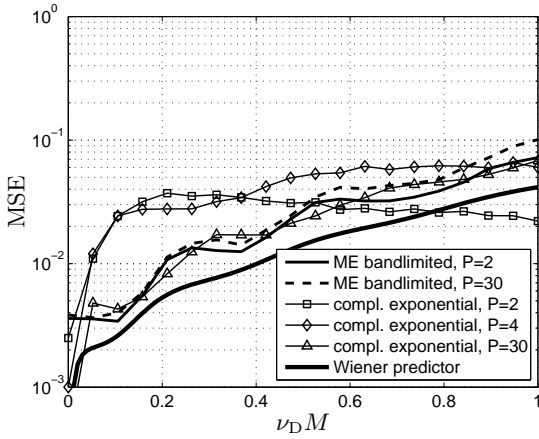


Figure 1: Mean square prediction error $MSE[m]$ at prediction horizon $m - M + 1 = 32$. We compare the minimum-energy (ME) bandlimited predictor with dynamically selected subspace ('ME bandlimited'), the Wiener predictor ('Wiener predictor') and a predictor using perfectly known complex exponential basis functions ('compl. exponential').

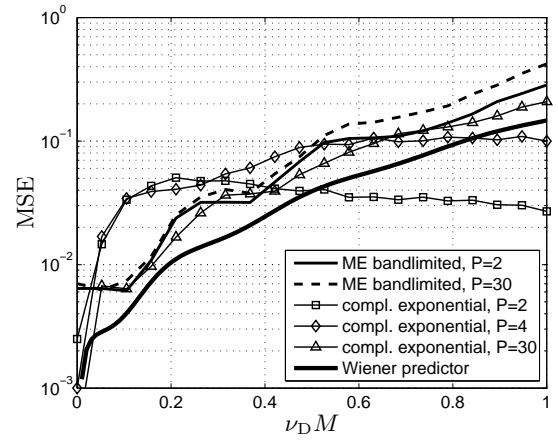


Figure 2: Mean square prediction error $MSE[m]$ at prediction horizon $m - M + 1 = 64$.

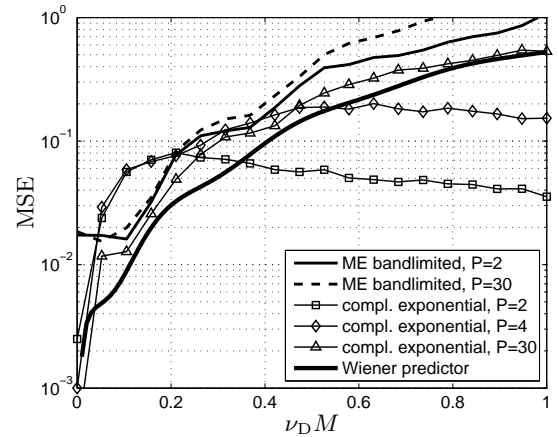


Figure 3: Mean square prediction error $MSE[m]$ at prediction horizon $m - M + 1 = 128$.